

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: "MELUCAS, MARC P." <MELUCAS@wsmc-mis.af.mil>
Subject: 51J4
Message-ID: <199508270610.BAA14776@uro.theporch.com>

Gang-

Looking for any advice on the going rate for 51J4's. I believe I may have found one out here in California that is in great shape with original cabinet and proper (I hope) speaker. Some minor scratches on the top of the cabinet, and some dust on an otherwise clean chassis. The speaker has the black painted trim bars, instead of the chromed bars like the speaker that (I believe) matches the 75A4. This receiver also has three filters for 1.2, 3, and 6 kcs. Any advice on the value of this is, of course, greatly appreciated in advance. Thanks.

Marc, KB0JPQ
MELUCAS@wsmc-mis.af.mil

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: NTMail@mediasoft.net
Subject: Ack: " attachment"
Message-ID: <199508270324.WAA04855@uro.theporch.com>

Your message headed:
Ack: " attachment"
has been delivered to unger_j@mediasoft.net.

This receipt does not guarantee that the mail has been read.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Joe Roberts <72411.533@compuserve.com>
Subject: Audiophile wisdom
Message-ID: <950826155249_72411.533_HHB57-1@CompuServe.COM>

BA'ers: Noted a few slanderous comments about audiophiles. As the publisher of a tube audio magazine, I couldn't agree more that this is great fun.

However, referring to the specifics:

6L6s-- One reason audiophiles (and the next rung down the evolutionary ladder, guitar players) don't want metal 6L6s is that in MANY cases of equipment built with 6L6s, pin #1 is used as a tie point. This pin is NC in glass tubes but it is hooked to the metal in metal 6L6s!!!

Hate to see a fellow BA'er fry his butt while plugging in a metal 6L6 into a device with B+ on pin 1. . . "Haa, Haaa, Haaaa! Durn audiophules say you can't. . . BZZT!!!" Think and read your Pindex or sign up with the Widow's Assistance Program down at the club.

211 Amps-- GOOD audio designers know about the grid characteristics of 211s. While the term "Class A" is often tossed around, close inspection of some better 211 designs betrays the fact that these are sometimes A 2 designs. The grid current is a flowin' in a lot of these amps. One popular configuration for the 211 grid is to regulate the grid bias with a beefy cathode follower directly coupled to the grid. This setup also provides low impedance drive to that nasty grid.

By the way, all the VT4-C/211s I have seen DO have getters.

Some of the smartest engineers I know are audio guys. One 211 amp designer up in Dallas is also one of the sharpest test gear and RF minds I know. Call up the RF spectrum analysis department at Tek in Beaverton and mention 211s. There are 3 or 4 guys over there who can tech many list members a thing or two about how these tubes work.

On another note, Dennis Had of Cary Audio, one of the big 211 amp makers, is the DENnis of DENtron.

Audio is just like the rest of life-- If you keep your eyes and mind open, it is occasionally possible to learn something. Show me a field that is entirely BS-free and I will retube your BC-375 free of charge out of my audio tube stash!

73

Joe Roberts N4WQC
Editor, Sound Practices
sp@tpoint.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Filip M Gieszczykiewicz <filip@smi.med.pitt.edu>
Subject: Boat Anchors
Message-ID: <9508261346.AA02834@alpha.smi.med.pitt.edu>

Greetings. I just got a nice 17' sailboat, trailer, and even new sails for ~\$600. Problem is, I'm missing any way to hold place because the previous owner didn't see a need for an anchor... so the fool got rid of it ("it was too heavy"... duh!)

So, can anyone recommend a good, cheap anchor for said boat? I plan

to use it on largish lake mostly. I think the bottom is mostly sandy but there may be some trees and such down there (how do you deal with that, by the way (other than brute strenght)) I guess I'll need to get chain elsewhere. I wonder if I can use SS line... they even have the vinyl sheathed kind... hmmm.

Anyways, I'm looking for an anchor and wondered if someone can suggest one or has one for sale?

Take care.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Nick England <nick@cs.unc.edu>
Subject: Book Review
Message-ID: <199508262244.SAA21596@altair.cs.unc.edu>

disclaimer - I ain't got no commercial interest in this

"Tube Type Transmitter Guide"

"MANUFACTURED Pre-builts & Kits from 1922 to 1970 using all or mostly tubes"
by Eugene Rippen

\$17.95 (advertised in ER)
Sound Values Inc
P.O. Box 9, Auburn, CA 95604

I sent off for this about a month ago when I saw the ad in ER and got it today. 131 pages of pictures and brief descriptions of ham (some commercial gear often used by hams) transmitters, transceivers and linears. Also includes a few pages reproducing advertisements of vintage (mostly pre-war) gear. Pictures are screened from old QSTs evidently and are about the size and quality of Moore's receiver book first edition (i.e. usable but not great). Text for each piece of gear is similar to Moore's receiver book - 5-10 lines of description, price, year introduced, and usually, final tube type.
4-6 rigs/page * 131 pages = tons of boatanchors!

Includes 5 handy indices (by Manufacturer, by model number, by year, and by *tube type* - neat!)

Coverage of pre-war gear looks really good but I am no expert there. I did find some puzzling omissions, though. For example the mythical Knight T-400 is covered but not the ubiquitous T-60. The Heath HW-100 is listed but not the HW-101 (maybe later than 1970?) Ditto for the Drake T-4X but no T-4XC. Heath Shawnee is missing but the Pawnee is there. Collins 32V-1 is missing, but earlier and later models are there.

Anyway, he says he knows there are things left out but he just ran out of time and he might do a 2nd edition some day so he welcomes comments, info, better photos, etc.

But these are quibbles over what is really a valuable reference book - this is really great material to have all in one place. It'll join Moore's book on my shelf and in my hamfest kit.

Nick KD4CPL
nick@cs.unc.edu

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Book Wanted
Message-ID: <F8QN0421.F8QN0432@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Greetings, Troops.

If anyone out there in BA-land has it, I'm looking to buy a copy of "A History of Engineering and Technology in the Bell System, Volume 2".

I believe it was published by the Bell Telephone Laboratories, and is circa 1972 (roughly).

I've already got a copy of Volume 1.

Tom, K9TA

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: GDentHouTX@aol.com
Subject: Collins crystals for trade
Message-ID: <950827092118_64385197@mail02.mail.aol.com>

Hi ya'll - I have a small quantity of the Collins factory crystas for the S-line/KWM-2A extended frequency positions that I acquired with the intention of adding SWBC monitoring ability to my KWM-2A. I overlooked the fact that I was bandswitch - position constrained in my ability to fill certain of the frequency slots. Therefore, I have the following crystals that I would like

to trade for the frequencies listed below, or failing that, some idea if the existing crystals I have could be re-cut for the ranges that I desire: Have: 8277.5(for 13.4-13.6/22M SWBC); 10977.5(18.8-19.0/15M SWBC); 14477.5(25.8-26.0)and 14577.5(26.0-26.2/11M SWBC). I have some additional crystal for the 16 & 13M SWBC bands, but I would prefer to keep these unless someone has the ability to re-cut them for the following needed ranges: Need: 7955.0(for 60M SWBC); 125550(31M SWBC); 13155(30M WARC); 14755.0(25M SWBC); 9177.5(19M SWBC); 13977.5(12M WARC) and/or the following 10M ranges: 15577.5(28.0-28.2); 15677.5(28.2-28.4); 15927.5(28.7-29.0); or 16077.5(29.0-29.2). Thanks for taking the time to read this and if anyone has the above rocks or knows anyone who can re-cut the ones I have reasonably please e-mail to: GDentHouTX@aol.com. Thanks & 73's, Gerald D'Entremont.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: Re: Comments about audiophiles
Message-ID: <01HUJUBPV2WE8Y4YZD@Admin.Rose-Hulman.Edu>

On Fri, 25 Aug 1995, David Watson wrote:

> A few months back, I posted a brief plea for peace and simple, courteous
> respect or at least tolerance for the many people who happen to like
> audio systems -- the same as I would expect on behalf of any other race,
> creed, or community.

David,

Hey, I was one of the people who made one of the comments. If I remember right, my best one was about the radioactive VR tubes. ;) Seriously though, when people get emotionally charged about an issue, they tend to find an outlet for their emotions, and in this case the jokes and lewd comments will fly. I agree that it is unfortunate, because the energy would best be directed into solving the problem rather than complaining about it. Sometimes this is easier said than done. Look how long it has taken people to be tolerant of many similar issues. I don't think that anyone who has made these comments has wished anybody harm by them, but I think that they come from a frustration of not being able to do anything quickly about these problems. I too, love good rich tube audio components, and I also love ham-radio, boatanchors, and hunting. It all comes down to doing as much as possible with what you have, and not wasting anything. I think that is all anyone can ever expect to obtain. If nothing is wasted, then you have given nature, or any lover of a hobby, whatever that hobby is, the respect he/she/it deserves. Who knows, maybe there is some radio BAer that found a nice audio amp, with tubes, that he would like to trade for that Tek scope with all of its tubes. I would feel bad about either tearing apart one without concern for the other, but those old audio amps do have some good tubes in them, and you can do a great deal with those power transformers. (I hope no one is taking me seriously on that, ok!?)

To completely go off topic, its the same way for me with hunting. I try to make use of the entire animal. At least, in this way, I'm not wasting the bounty given to me. Yes, all of it can be used for something, you just have to look. And if you are not willing to take the time to look, then something is terribly wrong. A lot of this can be solved through very simple education. Just spread the word on the other lists as to what you are looking for, and unless someone is just plain selfish, you'd be amazed with what you will get. I hope too, that this will lighten up, but again, I have to say to you, to try and lighten up and not let it get to you. If you feel that it is an issue that must be fought, then if you let it get to you, then they (just who are they in any given instance?) will have won. I think life is too short to worry about that. I'm sure that all of this discussion goes against the charter of this list, but anything that is emotionally charged is going to get a response, and the only way around this is a moderated list, and I know that I would rather go through a bunch of worthless BS than miss something that might have been important to me because someone thought it wasn't important to the group. I hate having anything censored. Oh well, back to the hobby, and thanks for your time and consideration if anyone made it this far. Boy, it's late... :)

73, David Moody, KD8NY

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David A. Moody          | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183      |
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Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: KS0F@aol.com
Subject: Correction
Message-ID: <950827190559_84721475@mail02.mail.aol.com>

Sorry, the nice National dial I bought for 4.00 was the big ACN not
the small MCN. 73 Mike KS0F

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)
Subject: Crosley 146 CS Phono/Radio ?'s

Message-ID: <809489122.1703096@AppleLink.Apple.COM>

Greetings all-

A neighbor of mine has offered me the opportunity to purchase a Crosley 146 CS (V) for an unspecified sum. (He says he paid \$175 for it in Florida)

I don't have a clue what something like this should be worth.

Could anyone offer some advice/suggestions? I think I'm about to set out on a quest for a Hallicrafters Super Skyrider, so I really don't need this Crosley.

-df

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995

From: dma@IslandNet.com (Jan Skirrow)

Subject: Re: Crosley 146 CS Phono/Radio ?'s

Message-ID: <m0smnns-0005ZdC@island.amtsgi.bc.ca>

My book says \$95US for this console R/P. This seems about right.

Good luck!

Jan Skirrow

VE7DJX

>Greetings all-

>

>A neighbor of mine has offered me the opportunity to purchase a Crosley 146 CS
>(V) for an unspecified sum. (He says he paid \$175 for it in Florida)

>

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>

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>quest for a Hallicrafters Super Skyrider, so I really don't need this Crosley.

>

>-df

>

>

>

>

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995

From: KS0F@aol.com
Subject: Dapitz Hamfest Report
Message-ID: <950827133350_84526488@mail04.mail.aol.com>

Hi Phil,

Da St. Charles hamfest was da pitz! The gall!

A nice 75A3 but \$400??

A crappy Ranger II \$280?? (gimme abreak)

A Viking II looked ok but big bad spot on front panel with 122 vfo
for \$120.00 (still there when I left)

A HQ-110A that was good that I sold a guy last year for \$60.00
was priced at 125.00 (still there when I left)

A Heathkit crystal radio set complete for \$75.00. (still there)

A grungy Drake R4A and T4X no supply \$110.00 (I should have
bought it, it could have been cleaned up ok)

A homebrew tuner built into a nice bud rack cabinet with plug in
coils and done beautifully. (I don't know the price)

Did not see or ask prices on 2 Halli S-77's, S-120, S-108, 2 S38B's
and a RS DX-150.

Not much there really. I did pick up the B&W 5100. All new tubes.
The inside is a 7-8, the cabinet a 6-7 and the front panel a hard 9
plus plus. It's funny how it gained weight from there to here. I could
barely get it out of the car and into the garage. Not much chance
of hiding it from the boss who was standing in garage doorway as
I unloaded the car. She asked if it was to fix and I told her it was
for me. Oh, she said, I was going to suggest charging extra for having
to pick it up.

I picked up a very good T0 keyer for \$20.00. excellent front panel
also a really nice complete National MCN dial, knob and all for \$4.00
probably my buy of the day although the T0 ain't bad.

Thats about it. The turn out this year was down a little bit from
previous years but boatanchors were scarce.

Oh yeah, I also picked up the Ameco TX62 and VFO I told you
about. It's a 9 all over.

Take care my friend. Will chat later.

73 Mike KS0F

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: n5off@w5ddl.aara.org
Subject: Dave's List
Message-ID: <122917@w5ddl.aara.org>

I would suggest that Dave start a mailing list for those interested in his
publication.

Dave, allow me to be on this list. Please send me anything related to the
continued publication of the journal.

Those of you who know a little history of the journals with this subject matter may also be as starved for info as I.

73 de tom

Reply to:
packet n5off@k5arh.la.usa
Email (home) n5off%w5ddl.aara.org@usl.edu
Email (work) tfma@chevron.com
Lafayette, LA
office 318-989-3430
home 318-984-2561

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: jlb@earthlink.net
Subject: Engineering Societies
Message-ID: <199508270213.TAA12421@atlas.earthlink.net>

Hi,
I would like to find some of the original research papers that many of the old engineering handbooks refer to but have been unable to find any names and addresses. Can anyone help? I know that there are many out there probably belong to some of these fraternities so maybe you can clue me in. I do not have the full name of these organizations but I do have the abbreviations and they should look familiar. The abbreviations are: IRE, JIEE, IEEE, AIEE.

If you know what these abbreviations stand for and have an address or phone number would you please let me know?
Thanks,
JOE AA6WG

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: haynes@cats.ucsc.edu (Jim Haynes)
Subject: Re: Engineering Societies
Message-ID: <199508270316.UAA12301@hobbes.UCSC.EDU>

Well in about 1962 the IRE Institute of Radio Engineers and the AIEE American Institute of Electrical Engineers merged to form the IEEE Institute of Electrical and Electronics Engineers. The AIEE goes way back, and if you read their old publications you can read about actual meeting in New York City where Dr. Bell gave a talk on such and such and Mr. Edison commented thus and so. When I was in college late 1950s we had student chapters of both AIEE and IRE. The feeling was that AIEE was more power oriented and IRE was more electronics oriented. However by that time the AIEE also was

into things like industrial electronics, and had long been into thing like telecommunications.

For a long time the IRE publication was Proceedings of the IRE sent to all members, and the AIEE had Transactions of the AIEE. By the late 1950s AIEE had a magazine Electrical Engineering, and it had three or four different series of Transactions: there was one on power and one on industrial applications and I don't remember what the other one was. IRE had started a number of Professional Groups, each having its own journal that members of that group could take in addition to Proceedings. Also there are conference proceedings for all kinds of conferences, including each organization's annual meeting.

After the merger and things settled down there are, approximately, IEEE Spectrum is the magazine that goes to all members, and has light technical articles on various topics as well as news.

Proceedings of the IEEE is an optional member magazine that is more heavy technical (lots of math) papers on various topics.

The former Professional Groups are now Societies. These have various publications. The Computer Society, for instance, has a Transactions which is the heavy research technical publication, Computer magazine which is news and technical stuff about computers, and then there are some more specialized magazines. All this stuff is refereed before publication, but Transactions is where you publish fundamental truths about the universe and Computer is where you publish about the kind of work you are doing and where you think it leads.

There are technical committees, which came from the old AIEE organization and which publish sporadic thin newsletters.

There are hundreds of conference proceedings, sometimes published jointly with other societies.

Now IEE is the British organization, Institution of Electrical Engineers, and is entirely separate from IEEE. IEEE calls itself trans-national and has branches all over the world - this is something that came from the IRE genes. AIEE was much less interested in having non-US activities.

Anyway, you need to find an old engineering school with a big library, and the librarian should know all this stuff.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: Re: Engineering Societies

Message-ID: <199508270352.WAA06246@zoom.bga.com>

As jlb@earthlink.net said

>

> Hi,

> I would like to find some of the original research papers that many of the old
> engineering handbooks refer to but have been unable to find any names and
> addresses. Can anyone help? I know that there are many out there probably
> belong to some of these fraternities so maybe you can clue me in. I do not
> have the full name of these organizations but I do have the abbreviations and
> they should look familiar. The abbreviations are: IRE, JIEE, IEEE, AIEE.
>
>
> If you know what these abbreviations stand for and have an address or phone
> number would you please let me know?

IRE= Institute of Radio Engineers, active 1912-1963.
AIEE=American Institute of Electrical Engineers, active mid-1890's-1963
IEEE=Institute of Electrical and Electronic Engineers. Formed by
merger between IRE and AIEE in 1963, active today, and successor to the
older groups.

JIEE does not ring a bell.

The history of the AIEE and IRE, as well as some non-electrical
engineering societies, is traced in Edwin Layton "The Revolt of the
Engineers." This book was originally published around 1958, so
predates the merger of the two US electrical societies. Layton's
"revolt" is mostly in terms of formation of new engineering societies
at the turn of the 19th-20th century.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: jlb@earthlink.net
Subject: Engineering Societies
Message-ID: <199508280120.SAA20288@atlas.earthlink.net>

Hi,
Thanks to all who helped with names and background information regarding the
Engineering Societies that I am trying to contact.
Joe AA6WG

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Henry van Cleef <vancleef@bga.com>
Subject: Fap fixed (was HP200CD oscillator woes)
Message-ID: <199508270343.WAA05836@zoom.bga.com>

As Roy Morgan said

>
> >I spoke too soon about that 200CD oscillator. It had a secondary
> >oscillation of the output when running about 50-70 CPS, so I tried
> >tweaking the R50 Dynamic Bal Adj pot. I got a loud FAP out of the box.
> >Tweaked the pot some more, made no change, so I left it where it was.
> >
> >I turned the thing off to do something else, then turned it on, and got
> >a lot of FAP FAP FAP! out of it, but didn't blow the fuse. I can't see
> >anything that arced, or would arc, in that compartment (the one where
> >the body of R50 is located) and I wonder if the pot is breaking down.
> >
> >Anybody got a schematic handy? What's the voltage supposed to be on
> >that pot?
>
> Minus 150 on the wiper.
>

Roy kindly sent me a copy of the manual, which has change notices that cover the other much older unit that I have as well.

As I suspected, the FAP problem turned out to be the distortion control, R50. I took the pot apart and could see the arc marks inside. That pot certainly wasn't made to have 150 (nominal) volts across it---actually, in my box, it is 180. The clearance between the carbon track and the cap is around 0.010 inch. I took the pot completely apart, polished out the arc track, cleaned the rest of the thing up, and painted the inside of the cap with Q-dope to give it a little more dielectric. It ran long enough to give it a quick calibration without any more FAP's. Roy will be getting a refurbished WV97A VoltOhmyst with all the composition resistors and paper caps replaced. I brought that up this afternoon as well and gave it a quickie calibration. I want to get a few more instruments up and ready for a serious calibration before I break out the serious calibration stuff. WWV, are you ready?

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: skorzep@magicnet.net (Stan Korzep)
Subject: Findlay Ohio Hamfest ?
Message-ID: <199508280025.UAA27471@magicnet.magicnet.net>

Many years ago when I lived in the snow country, the Findlay hams had a fabulous hamfest around labor day. Is one scheduled this year? Date?

Stan
K4HKI

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: Re: Findlay Ohio Hamfest ?
Message-ID: <199508280202.WAA15097@brutus.bright.net>

Yes - they still have one - always the weekend after Labor Day - this year it is on Sept 10 at the Hancock County Fairgrounds in Findlay, Ohio. Huge flea market....

There are still some inside table spaces available. Outisde is always available - we just keep filling the back side of the Fairgrounds.

If anyone needs more details - drop me an e-mail.

Hope to see some of the list subscribers there.

73

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://qrp.cc.nd.edu/kanga/](http://qrp.cc.nd.edu/kanga/)

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: David Stinson AB5S/7 <72227.1640@compuserve.com>
Subject: Fishing
Message-ID: <950827200441_72227.1640_EHM62-1@CompuServe.COM>

I've heard a few of my fellow Ironclad fans talk about how our online community is deteriorating or falling apart because of some conflict, or someone venting a little good-natured frustration, or someone having no sense of humor. I really don't think that's true. So I decided to write you; each of you whom I've come to respect as people of intelligence and good will, about community, tolerance and the gentle art of learning to relax.

Like it or not, this list is a community.
This community must share a common line of communication.
It's not like the old "party line" where one person could hog the line for hours. We all get to have our say at the push of a button. People lived with party lines (and their conflicts) for decades without maiming each other and so will we.

There are a few principles that govern a community like this. They are not "rules" in the sense of "do it my way or get out."
They are "Laws" in the sense that water must run down hill,

the sun must rise and online communities have governing principles.

1. In any community, there will be conflict.

Even among mature people of good will, there will be conflict. It is natural. It can even be healthy. Accept it. Conflict is to be resolved, not avoided. The only important rule in conflict is: Maintain the Community. Casting out members who don't agree with your point of view or splintering into impotent, short-lived offshoots is avoiding the problem. There is always a positive way to resolve them. You're not stupid. Find it.

2. The vast majority of posts to the group will be of no interest to you.

This may be the single most important principle to remember. Your acceptance and tolerance of this online fact-of-life will mean the difference between success and failure as a member of our community. If you have your mail choice set to "ack" so you can get "instant" mailings, then you must pay the price of expensive, bothersome piles of mail. Your only choices are to accept the bother, set your mail to "digest," or leave the community. Objecting to this is as silly as shaking your fist and cursing a thunderstorm. Who's being foolish then? No thread, however "off-topic" (and by who's lights?), will dominate the conversation for long. The simple group dynamics of our common interests will shortly send us back without heavy-handed interference. Learn a little patience. There is grain aplenty for all in our community's field. But each must do his own winnowing.

3. You alone are responsible for your relationships to and within the community.

You are the only being in the entire universe who is capable of making you feel anything. No person in this community has the power to reach into your soul and push your "MAD" button. You can *make a choice* to get angry over what amounts to electrons bouncing about inside a glass CRT. You can stomp, cuss, leave the community and pout for days. But make no mistake. *You* are the only one who made you do it. Not Jack, not me and not the community. You.

Why not learn to relax? These bytes flow down a wire, churn about in that box and then bounce off your monitor. In a moment's time, it will be as if they had never been. Not one person in fifty reading these words right now will remember them five minutes hence. You can fashion a bone of grudge from some person's words and naw on it if you wish, but there's no point in it. In comparative terms, there haven't been enough "business" posts here to

make a tiny dent in the community's flow of information. So why worry about it? If it ever did become a threat to the community (and that is very unlikely), then the same group dynamics that eventually bring threads in line will cause the community to act to preserve itself. There is no need for a net "police" force. Jack has enough monkeys screaming on his back without adding that one.

Life's too short for worrying over trivialities, my friends. We're all fishing in the same stream. Some of the fish are for you and some are for others. But if you want to fish, you gotta stand in the stream. Let the other fish flow around you to your fishing companions. We're all going to the same place. Relax and enjoy the trip.

73 DE Dave Stinson AB5S/7
Las Vegas, Nevada
72227.1640@compuserve.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Bill VanAlstyne <bill@cruz.com>
Subject: Re: Fishing
Message-ID: <199508272255.AA19458@cruz.com>

At 03:12 PM 8/27/95 -0500, David Stinson AB5S/7 wrote:

[body of great post deleted..]

>Life's too short for worrying over trivialities, my friends. We're all
>fishing in the same stream. Some of the fish are for you and some are
>for others. But if you want to fish, you gotta stand in the stream.
>Let the other fish flow around you to your fishing companions. We're
>all going to the same place. Relax and enjoy the trip.

Dave, that was very well said! I hope everyone can find a way to let it in, and really get it. Over the past few weeks, I've been trying to think of a way to express what you have here expressed so very well -- I can only say "Hear, hear!" -- and thanks!

Bill VanAlstyne
N6FN
bill@cruz.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Steven Wilson <randyw@crl.com>
Subject: flex weave antenna wire question ?

Message-ID: <Pine.SUN.3.91.950827111850.20536A-100000@crl7.crl.com>

I know it is not a boat anchor, but it is a slow weekend and even boatanchors need antennas.

How does one attached to the insulators ? Do not want to solder since strand type of wire breaks easily when solder due to mechanical flexing. Looks like it would unwind it self if I used my normal copper clad type construction. Guess I could tie it in a knot ?

Anyway it looked great at the hamfest so I bought 200 ft of it for a new 80 meter dipole. Now not sure I want to use it. hi

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: SOUNDNMIND@aol.com
Subject: FS tubes and anchors
Message-ID: <950826225724_84248592@mail04.mail.aol.com>

I have a few more tubes that I found this last week hiding in a Virginia town this last week.

| | |
|----------------|-----------|
| 6LQ6/6JE6..... | \$ 25. ea |
| 6KD6..... | 20. |
| 6JG6..... | 20. |
| 6JS6..... | 20. |
| 6LX6..... | 25. |
| 4X150..... | 25. |

EQUIPMENT

Singer/Gertch Service monitor. FM-9 w/FC-3 frequency converter(used for 30mhz part of band) This unit generates and receives VHF and UHF & commercial lo band. This box is clean w/ meter all intact / service manual. UNCHECKED \$250. conus

Japanese bug (nipplex) in G C but has crack in dust cover.
\$ 30. conus

Boonton 41A microwattmeter, mint cond. recent calib. with its special probe.
\$ 175. conus

Any Scott collectors among you BA'ites?

E. H. Scott RCH receiver. Clean condition and it works. No I didn't align it. Can't afford to at this price. This unit covers VLF 50kc--24mc but leaves out the BC band. Panel is black powdercoat and in decent condit. \$ 125. I can

deliver to Gathersburg, otherwise U ship.

Hammarlund "Super-Pro" BC779B, VLF 100kc--20mc(no BC) I spent 2 full days on this one in repair and alignment. It works well and is NICE condition. Panel is refinished to original condition (but no tag). Rack mt power supply. 30 day warranty. \$ 300. conus or will deliver to Gathersburg.

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: KE8NEfix@aol.com
Subject: FS. B&K 675 Tube and Transistor tester
Message-ID: <950827193047_84736277@mail06.mail.aol.com>

Hi Y'all,

The boss was making me clean the garage today and I came across a project that I will not have time to do. I have a B&K 675 Tube tester. The case, which was wood, had gotten wet and, of course, decided to disintegrate. The fellow that I got it from said that it worked but it had set in his garage, the roof leaked the the box subsequently drowned. The tester itself looks good, underside is great, and I have all the documentation. The tubes are in it [it has the rectifier tube and the oscillator tube for making gain measurements]. The neat thing about the 675 is that it uses cards in stead of a whole bunch of switches. There are a bunch or cards with it, too. The purpose of the cards is that each card sets up all the switches for the various tests on each tube. Each tube type has it's own card and you just stick the card in the slot, throw the switch to operate and the tester does the rest. You then move one lever switch through it's four settings to check for gas, shorts, gain and such. This thing also tests transistors[lucky us]. I would like to find someone that can use it for it's purpose, or use it for parts to fix another one. \$20.00 will get it to your door. I have never used it but the thing looks like it probably will plug in and play.

The documentations also tell how to make more cards to test newer types of tubes. It tests 7 and 9 pin mini's Octal and loctal tubes. Won't test Noval, nuvistor, or duodecar tubes. But it will do what most of us need done with most of the radios we have. Everybody should have at least one of these.

Who's gonna be first?

KIM

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: Gardner MA report
Message-ID: <9508262234.AA00439@kali>

Well, the Gardner MA (near Fitchburg) flea was interesting, if small. I noticed the BA prices were low overall. Things that followed me home:

- two sets of crystal headphones, Trimm and Philmore, \$2 each
- another Drake TV highpass filter, model TV 300-HP, with the word NEW on the yellow label, tin pharmacy pillbox construction but with terminals on the face of the can rather than the sides (like my TV-300-HP-50 from the Spring). I wonder if this is newer or older? No address. A buck.
- Heath transistorized RLC bridge, \$10. Now I can give my brother's back!
- Heath style fuse plug, 25c
- Millen 92101 Antenna Matching Preamplifier with 46906 (48-55mc) plug-in. OK people...what's the plate voltage required? I might hook it up to the 183D for 6M, which I've heard the 183 needs a little help with. Age/rarity? Don Merz had one for sale a while ago.
- cute little EMICO (Perkasie, PA) AC meter ...plugs right into the wall socket and reads 50-150V.

I also picked up a couple more acorn tube sockets and a 12SQ7 for the S-38B.

Things I didn't buy: someone had a DX-100 for \$55, good condition from the outside, except the knobs were wrong. Another dealer scarfed up a Heath 6M SSB/CW/AM rig...same style as the Seneca. I forget the number. He paid \$10 for an SX-101 which had been repainted Gonset CD colors...so he probably got there early and got a bargain. As it was they let me in at 7:30 (official time for buyers is 8:00) so next year I'll go earlier! ... Someone had an R-4A for \$125 and a TR-3/RV-3/AC-3 for \$275. Drake MN-2000 for \$175. I saw a Gonset G-76 transceiver, with power supply, for \$35 and I don't think the dealer sold it. The (Gonset) supply was without a cover, and the transceiver was missing the driver and finals. The guy said it received, though. Front panel was nice...I was tempted! Another project?! Rhyne K. was there with an SX-62A (\$125) and NC-300 (\$150) and they hadn't sold when I left. No Johnson ham gear at all. But the prices were definitely low. I saw a cute little 500 kHz o-scope, working, and the guy apologized at having to charge \$20 because he paid \$25 for it himself. It was sold a little later.

Check out those small fleas!

--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Sheldon Wheaton <swheaton@tyrell.net>
Subject: Gonset Commander info wanted
Message-ID: <Pine.SUN.3.91.950826090903.7765B-100000@tyrell.net>

Help!

Can anyone supply a copy of the manual or at least the schematic for the Gonset Commander? I'd also like any info on the associated VFO.

Correspondence regarding copies of technical info can be sent direct to my email address: swheaton@tyrell.net

Any particularly interesting or stories about the rig can be posted to the net for all to enjoy.

Thanks guys & 73,
Sheldon KC0CW

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Albert S Woodhull <aswNS@hamp.hampshire.edu>
Subject: Re: Gonset Commander info wanted
Message-ID: <Pine.3.89.9508271122.B1555-0100000@hamp>

On Sun, 27 Aug 1995 Sheldon Wheaton <swheaton@tyrell.net> wrote:

> Can anyone supply a copy of the manual or at least the schematic for the
> Gonset Commander? I'd also like any info on the associated VFO.

I had one of those for many years. I originally used it on 6 meter a.m. in the early 60s, later I used it for 40, 80, and 20 meter c.w. operation with my BC-348. I never had the original Gonset vfo, I used it with a cut-down comand set which I later further butchered into a QRP c.w. rig. Alas, I got rid of both in a big cleanup several years ago. I will look in my attic, it's possible the schematic is still buried up there.

General info: it's a pretty standard Handbook-style circuit. 6AG7 crystal oscillator and 6146 P.A. The original VFO was tubeless, just a tuned circuit connected to the oscillator -- the crystal/vfo switch altered the circuit to (I think) a series-tuned Clapp -- it had to be a circuit that didn't require a tap on the coil. It was plate modulated, the modulators were a pair of 7??s -- loctal base tubes. The speech amp could be switched to use either a crystal or carbon microphone. The driver plate/final grid circuit was bandswitched, but the final plate used plug in coils, link coupled to the output. It covered 160 through 6; I think the extremes may have been options. I made my own 160 and 6 meter coils.

It was a lovely, very compact rig. Although the shape was different, it

was comparable in size to the Atlas 210, really incredibly small for a vacuum tube transmitter. It was meant for mobile use with one of the Gonset receiving converters, although I never used it that way. It used the 6146 conservatively, I think it was designed for a 400 to 500 volt supply. The Ten-Tec Scout with its simplified operation and plug-in tuning reminds me somewhat of the Commander.

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
woodhull@shaysnet.com
413-549-2962

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: HQ-170-VHF / 6BE6 tubes
Message-ID: <9508271408.AA00546@kali>

I have found that several of my radios have 6BE6 problems. I've also read in ER that the tube can be touchy. One of the first encounters I had was on the Drake 2-B. A 6BE6 developed a crackling intermittent short, but only after the tube had been on for 15 minutes or so! I duplicated this in the tester and then heaved the tube. <grin>

--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: PEMS_ST_DK@noeca.ohio.gov
Subject: HQ-170vhf help
Message-ID: <01HUJA0MN39U8ZEQVM@noeca.ohio.gov>

As a proud owner of both an HQ-145 and HQ-170 I like to keep them in shape. The 170 currently wks on 160-40 but 20-2 are dead. Ive replaced all relavant tubes including the 6c4 to no avail. Any ideas on the list as to how to proceed befor I get the signal generator going and begin tracing ? I have clened ALL switches and contacts with a high quality pressure cleaner that leaves no residue. There does not appear to be an 'intermitent' in the radio. Any hints, experiences or plans of action appreciated.

73

* W8CAR pems_st_dk@noeca.ohio.gov *
* Dan Kovatch *

* Antennas are the key - BUT an ALPHA sure doesn't hurt! *

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Grant H Youngman <us007699@interramp.com>
Subject: Re: HQ-170vhf help
Message-ID: <Chameleon.950826221839.us007699@gyoungma.gtetel.com>

>As a proud owner of both an HQ-145 and HQ-170 I like to keep them in shape.
>The 170 currently wkrs on 160-40 but 20-2 are dead. Ive replaced all
>relavant
>tubes including the 6c4 to no avail. Any ideas on the list as to how to
>proceed befor I get the signal generator going and begin tracing ?
>I have clened ALL switches and contacts with a high quality pressure cleaner
>that leaves no residue. There does not appear to be an 'intermitent' in the
>radio. Any hints, experiences or plans of action appreciated.

Offhand, it sounds like a second mixer problem. I just traced a similar problem in an HQ-160 to bad 6BE6 mixer tubes. The former owner had apparently tried to fix the problem by tweaking T1-T2 and those transformers were also completely hosed up.

New 6Be6's and a realignment solved the problem.

I'm a little confused, though, about the 170, because if it works on 40, the 2nd mixer is working. But I had to replace BOTH the 1st and 2nd mixer tubes to get my 160 to play, so you might want to try that on your 170. I'm not familiar with the specifics of the 145. For other Hammarlund genl conversion schemes, the HQ-160 uses double conversion above 10 MHZ and the 180 goes into double conversion above 7.85MHz. If the 145 is still using single conversion at 7.0MHz, then the second mixer problem would explain it.

Grant/NQ5T

Name: Grant H Youngman
E-mail: us007699@interramp.com (Grant H Youngman)
From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: HQ170A fixit hint, pls?
Message-ID: <Pine.OSF.3.90.950827210833.15728A-100000@govonca2>

Good day - I wonder if anyone who has done up a HQ 170A or come across a similar problem might help me before I start turning things a relative random.

It appears the audio on my Good Friday acquired HQ 170A is mucky on 80 m. only - both SSB and CW awful - as if the bfo or passband tuning was off of adjustment re. the signal, but only on 80 m.
I know 40 m. and so on sound fine, and I think 160 was OK too - but if I can fix 80 m. then I would (assume) be able to bring anything else into line.

Is this simply some sort of of basic alignment problem for that band, or what?

To be honest I'd rather ask here before I start to look at anything, just so I might know where, or where NOT, to start. Only looking now since fall is upon us soon, so I want to get it up for BA cw and AM (80, 160 m) alongside the Viking II etc.

Thanks.

Brien
Toronto
VE3VAW

pepperb@gov.on.ca

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: HQ170A fixit hint, pls?
Message-ID: <Pine.SOL.3.91.950827224859.2541B-100000@iglou>

On Sun, 27 Aug 1995, Brien Pepperdine wrote:

>
>
> It appears the audio on my Good Friday acquired HQ 170A is mucky on 80 m.
> only - both SSB and CW awful - as if the bfo or passband tuning was off
> of adjustment re. the signal, but only on 80 m.
> I know 40 m. and so on sound fine, and I think 160 was OK too - but if I
> can fix 80 m. then I would (assume) be able to bring anything else into line.
>
> Is this simply some sort of of basic alignment problem for that band, or
> what?
> To be honest I'd rather ask here before I start to look at anything, just
> so I might know where, or where NOT, to start. Only looking now since
> fall is upon us soon, so I want to get it up for BA cw and AM (80, 160 m)
> alongside the Viking II etc.

Hello Brien. I recently serviced an HQ-170 which had a modulated hum that showed up on only certain bands. It almost drove me nuts but I finally tracked it to the 6c4 oscillator tube. This is V12 on your schematic.

Testing it on a tube tester didn't show any problems until I cranked up the filament voltage to 12 volts. On doing this, a cathode to filament short appeared. Replacing the tube cured the problem. I don't know if hum is involved in your audio problem or not but you might keep this in mind. Since the problem occurs on only certain bands, it must be something ahead of the I.F.

73

>

Steve
n4lq@iglou.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Grant H Youngman <us007699@interramp.com>
Subject: Line to Voice-coil Transformer?
Message-ID: <Chameleon.950827095710.us007699@gyoungma.gtetel.com>

Can anyone suggest a source for a 600 ohm to 4-8 ohm audio matching transformer?

I've checked the local supply of catalogs and the usual surplus houses and can't seem to find anything. Application is to match the 600 ohm output of my recently acquired SP600 to an S-200 speaker. I'm using a 12.6v filament transformer as a stop gap -- turns ratio is reasonably close, and it works surprisingly well. But I'd like to find a proper audio matching transformer.

Any suggestions of sources would be appreciated? Or you can tell me I'm wasting my time and to just stick with the filament transformer :-)

Grant/NQ5T

Name: Grant H Youngman/NQ5T
E-mail: us007699@interramp.com

This message was sent by Chameleon

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Line to Voice-coil Transformer?
Message-ID: <44351.ddillman@igc.apc.org>

On Sun, 27 Aug 1995 09:56:10 -0500 (CDT),
Grant H Youngman <us007699@interramp.com> wrote:

>Can anyone suggest a source for a 600 ohm to 4-8 ohm audio matching
>transformer?

Grant, Radio Shack has an audio transformer meant for 70V line distribution that will work well in this application (I'm using one on my SX-28A). The catalog number is 32-1031. On one side you may select 4, 8 or 16 ohms. On the other side, the terminals are marked in Watts. I find that the .62 Watt winding provides a good match, based on volume.

Hope this helps.

Best Regards,

Dick Dillman/WPE2VT
<ddillman@igc.apc.org>
San Francisco

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Line to Voice-coil Transformer?
Message-ID: <199508271548.KAA26805@zoom.bga.com>

As Grant H Youngman said

>
> Can anyone suggest a source for a 600 ohm to 4-8 ohm audio matching
> transformer?
>
> I've checked the local supply of catalogs and the usual surplus houses and
> can't seem to find anything. Application is to match the 600 ohm output of my
> recently acquired SP600 to an S-200 speaker. I'm using a 12.6v filament
> transformer as a stop gap -- turns ratio is reasonably close, and it works
> surprisingly well. But I'd like to find a proper audio matching transformer.
>

A 70-volt line-to-speaker transformer works fine. The 10-watt tap is right at 500 ohms, and I am using one on my S-36A. For 600 ohms, you're going to have a small mismatch, but if your speaker impedance is

a little higher than the speaker tap you use, you're OK. The match is not that critical---most speakers look like almost any impedance you'd want, depending on the frequency.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: HAMRLUND@aol.com
Subject: Re: Line to Voice-coil Transformer?
Message-ID: <950827135641_84541848@emout04.mail.aol.com>

there are 4 screws that make up the speaker out.

0 0-----0 0
| |

IF YOU CENTER TAP EITHER LEFT OR RIGHT SIDES, IT'LL WORK FINE.

ROBERT

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: dma@IslandNet.com (Jan Skirrow)
Subject: Re: Line to Voice-coil Transformer?
Message-ID: <m0smnrl-0005ZdC@island.amtsgi.bc.ca>

Fair Radio sells a LS-166/U speaker that contains a line to voice coil transformer likely to be what you want.

Can anyone suggest a source for a 600 ohm to 4-8 ohm audio matching
>transformer?

>

>I've checked the local supply of catalogs and the usual surplus houses and
>can't seem to find anything. Application is to match the 600 ohm output of my
>recently acquired SP600 to an S-200 speaker. I'm using a 12.6v filament
>transformer as a stop gap -- turns ratio is reasonably close, and it works
>surprisingly well. But I'd like to find a proper audio matching transformer.

>

>Any suggestions of sources would be appreciated? Or you can tell me I'm
>wasting my time and to just stick with the filament transformer :-)

>

>Grant/NQ5T

>

>-----
>Name: Grant H Youngman/NQ5T
>E-mail: us007699@interramp.com
>
>This message was sent by Chameleon
>-----
>
>
>
>

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: Line to Voice-coil Transformer?
Message-ID: <Pine.SOL.3.91.950827165404.3954A-100000@iglou>

On Sun, 27 Aug 1995, Jan Skirrow wrote:

> Fair Radio sells a LS-166/U speaker that contains a line to voice coil
> transformer likely to be what you want.
>
> Can anyone suggest a source for a 600 ohm to 4-8 ohm audio matching
> >transformer?
> >

I used one of Radio Shacks Universal Line transformers on my R390 with good results. This is Cat. nr. 32-1031. Try different combinations of taps for the loudest volume. Or they also have an AF Xfmr. 273-1380. This is 1K input and 8 ohm secondary. The primary is center tapped. Use half of it for a 500 to 8 ohm match. This is close enough.

Another tip: I have used a 10" P.A. horn speaker which has an 8 ohm voice coil on R390s. Those horns are very sensitive and it doesn't take much to produce a lot of noise! Using the transformer should really make it howel. The horn speaker is great for CW reception too. They seem to resonate near 700cps or so. Their transformer will set you back \$1.69

Steve
n4lq@iglou.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995

From: bratcher@netropolis.net (Robert M. Bratcher Jr)
Subject: Manufacturer of radio & when made?
Message-ID: <199508262039.PAA08624@uro.theporch.com>

I've got a military Model RBO thats AM reception only (no CW) AM broadcast plus 2 shortwave bands covering about 4mhz to 15.6mhz. Huge IF cans in this Boatanchor! When was this put out? Who made it? Case is black. Radio is about the size of the Collins 75a series.

Robert M. Bratcher Jr.

E-mail to:

bratcher@netropolis.net

or

robert2039@aol.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: HAMRLUND@aol.com
Subject: Re: Manufacturer of radio & when made?
Message-ID: <950826175032_84088276@mail04.mail.aol.com>

my book only says "it's similar to Scott SLR -12 (CZC-46139"

robert

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: Meissner HUGE transmitter
Message-ID: <9508271402.AA00534@kali>

Hey, folks, check out the big pair of Meissner transmitters on page 28 of the August Electric Radio. I bet there are BRICKS under that cloth on the table. Is this the thing that Don Merz may still be trying to sell (at less than \$100 I think)? Wow. UPS would definitely NOT like that.

Someone should drive to PA and pick up (unnngh!) Don's rig. This looks like the mother of all desktop boatanchors.

--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Meissner HUGE transmitter

Message-ID: <Pine.3.89.9508270936.A13648-0100000@indy2>

Hi, Andy et al!

On Sun, 27 Aug 1995, Andy Wallace wrote:

> [...] big pair of Meissner transmitters [...] August Electric
> Radio. [...] Is this the thing that Don Merz may still be trying to sell?
> [...] This looks like the mother of all desktop boatanchors.

It *is!* And under the sheet-metal is a very FB rig, too--Don sent me a copy of the manual, with lots of photos. Last I'd heard, he had sold it, and the buyer was talking to those of us who'd bought the original Shifters-in-uniform that drove it; there's one visible in the ER photograph.

Nice transmitter, if you have the room and the muscles to move it! :) It was good to see a brace of them still in harness. As far as I know, that's the only transmitter Meissner ever made, and it's a pity. They could have turned out some grand high-power ham rigs!

The present-day Thordarson-Meissner Co. (which I owe Andy the address of) combines two fine ham-gear bloodlines, of course. Imagine a "Mt. Carmel IL Special" BA rig: Meissner Traffic Master receiver, early-vintage 'Shifter, and the big Thordarson All-Star transmitter in its 5" rack!
Oooooo....

73,
--Bobbi

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Meissner HUGE transmitter
Message-ID: <199508271600.LAA27468@zoom.bga.com>

As Roberta J. Barmore said

>
>
> Nice transmitter, if you have the room and the muscles to move it! :)
> It was good to see a brace of them still in harness. As far as I know,
> that's the only transmitter Meissner ever made, and it's a pity. They
> could have turned out some grand high-power ham rigs!
>
> The present-day Thordarson-Meissner Co. (which I owe Andy the address
> of) combines two fine ham-gear bloodlines, of course. Imagine a "Mt.
> Carmel IL Special" BA rig: Meissner Traffic Master receiver, early-vintage
> 'Shifter, and the big Thordarson All-Star transmitter in its 5" rack!
> Oooooo....

>

Hmph! After looking over some Meissner Signal Shifters, it seems to me that Meissner made nice coils, but I feel a bit underwhelmed by the rest of it. I get the feeling that sharpening the engineering pencil and some serious TLC might bring a little more out of those coils. The boxes I have want some quality passive components in place of what they came with.

After looking over those Signal Shifters, all I can say is that James Millen never built a Meissner Signal Shifter.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Meissner HUGE transmitter
Message-ID: <Pine.3.89.9508271130.A15242-0100000@indy2>

Hi, Hank! (et Boatanchorii)

Hmpf all you like--I never said they were the ne plus ultra. For a 1936ish design that had very few mods over the years, they're okay; even at the time, Charles Perrine was building better VFOs at home and writing wonderfully detailed articles about 'em in "Radio." But we can't all be Charlie Perrine.

The 'Shifter is in many ways, the AA5 of VFOs: a lot of 'em were made, they did the job and the price was reasonable. Do the parts generally not measure up, especially by a 1950s yardstick? Yep! However, modern mylar axials will drop right in place of the ol' paper jobs; drifty carbon resistors can be replaced with metal-films; the oscillator can be properly compensated with modern delta-C vs temp cermics of suitable characteristic and if you're really minded to, you can take out the odd Philips-style cylindrical trimmers and put in air-variables. At *that* point, some chassis re-enforcement would probably be wise for the plug-in coil versions, since the sheet metal's a bit flimsy.

But gee, waddaya want for the price? The tracking is all figured and the gadget's got a good vernier drive (especially the internal-dial and later versions). As the second commercially-made ham VFO (the IPS Rubber Crystal came first and the Hughes-Mitchell (postwar, Sonar) X-EC modelled on a Perrine design was third), it's a useful and interesting box. Does

it measure up to the two Millen VFOs? Not really. It's pure consumer gear. It sold for about a third the price of the Millen units during the time all of 'em were on the market--'41 and the early postwar years.

I won't speak to the PSU design; it's fairly cookbook but it does the job. There's bound to be room for improvement, there and elsewhere. You and I have already discussed the (woeful) wiring & general electrical construction and it's certainly true that Meissner's "Built In The Lab" boast was more of a warning label; but that's an easy enough fix. :)

The Signal Shifter looks nice, doesn't push the RF tubes hard and is simple as a rock. It's a perfectly fine BA, IMO.

73,
--Bobbi

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: nwqrp@scn.org (SCN User)
Subject: Microtubes
Message-ID: <199508272343.QAA07371@scn.org>

BA Folks,

I happened to pick up an April 1941 copy of Radio-Craft. On pages 610-612 is an article about "Microtubes". This was supposedly the trade name of these 1.125" X 3/8" tubes. The title of the article is "1933 'April Fool' Tube Now A Reality!" by R.D. Washburne. The article includes sketches of the tube, two circuits uses it and text. The tube was supposedly in two versions: M74 (screen grid voltage amplifier) and M54 (tetrode beam-characteristic poer amplifier). I quote:

The filament "A" drain is 20 ma. for the M74, and 40 ma. for the M54 at 5/8 volt; total (plate and S.-G.) "B" drain is well under 1/2-ma. for the M54 at about 45 V. The power output of the M54 is ample for most headphone needs.

I have never heard anything about thse. Are they another April Fools Joke? For the same mag to try to pull the same joke would be pushing it.

--Brian, KV9X

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NorthWest QRP Club

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nwqrp@scn.org
http://www.scn.org/scripts/menus/n/nwqrp/nwqrp.menu
/^\\^\\ / ^^\
--NW QRP--

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: BILL088@aol.com
Subject: NC300/303 NOISE BLANKERS
Message-ID: <950827003853_64264416@mail02.mail.aol.com>

I use in one of the operating positions a Heathkit marauder and a NC-300. The 300 is a fine stable set. I use it for 10 meter sideband and is fine till.....>>BUZZZZZ , The power lines near the house on occasion let loose with their hacking fury. One of the improvements the NC-303 over the 300 is a noise blanker that works in the sideband/cw position instead of only AM.

Does anyone have any experience with the NC-303 noise blanker in a noisy environment? And for that matter what other improvements does the NC-303 have over the NC-300 "dream reciever". Thanks

Bill
AC4LC

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: RhyneK@aol.com
Subject: Re: NC300/303 NOISE BLANKERS
Message-ID: <950827120119_64447720@emout04.mail.aol.com>

On the NC-303, It is my understanding that they added a crystal to one of the IFs to stablize it and they made changes to the AGC circuits to improve sideband reception.

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Need technical info on Heath Ham-Scan
Message-ID: <m0smt9A-00100CC@spider.lloyd.com>

Greetings Gang,

I've got a Heath Ham-Scan panoramic adapter that I want to adapt to use with an IF in the 1600 to 1685 KC range. To do this I need to wind a new coil for the sweep oscillator circuit. The existing coil is for a much, much higher frequency and can not be made to work.

Here's the problem:

The Ham-Scan uses a 350KC IF. I can find no mention in the manual of

whether the sweep oscillator runs at the input frequency + 350 KC or at the input frequency - 350 KC. i.e. am I trying to wind a coil for an oscillator operating in the 1300KC region or in the 1900KC region?

A reasonable question is why I don't just wind one for the lower frequency and remove turns until I get correct operation. It may come to that, but it isn't quite that simple. You see, the coil needs to be tapped near its mid point, which changes depending on how many turns I have to wind. How many turns? Well, to get in the ball-park, I'm looking at a coil with something over 200 turns of wire.

So if I can know ahead of time which of the two frequency ranges is my target, it'll make the job just a bit less tedious.

Suggestions anyone?

73 and thanks,

Jim - km6nk

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Need technical info on Heath Ham-Scan
Message-ID: <9508280211.AA29185@texan.frco.com>

Jim,

The BC-1031-C (ca. 1945) uses an L0 centered on 681 kc with a 226 kc IF strip. I'd think the tricky part would be adjusting the reactance modulator circuit, particularly if the original frequency was much, much higher.

Send an address if you want a copy of the 1031 circuit.

Bill Hawkins bill@bvc.frco.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: dcl@genrad.com (Deke C. Lightfoot)
Subject: RAS-5
Message-ID: <9508261808.AA06440@pulsar.genrad.com>

BA's, At the MIT flea last week I had the luck to run across a RAS-5 and pick it up. Actually I was looking for an errant 75A3, but the RAS-5 was hard to miss as I honestly have never seen one before. I am assuming that

the floor console HRO on top, speaker, power supply and coil box on the bottom, with wooden top and sides is the normal configuration? The coil set of 7 are all dated 1943 which probably dates the radio although it could be a set that was not with the original. Works like a charm, unbelievable sensitivity; with 6 feet of wire in the basement it is doing almost as well as the regular stuff with full antenna.

My question regards the application of this receiver. The console configuration seems unusual even in a Navy shorestation use, but then again I don't know enough about it to comment.

Thanks for any info you might have... 73, Deke AA6DF dcl@genrad.com

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: Scott_Johnson-AZAX60@email.sps.mot.com
Subject: RE>Re- Comments about audio
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

RE>Re: Comments about audiophiles 08/26/95

I will have to agree with David. I have watched this group slide in to decay in the last few months, and would like to see some tolerance of others. If a person wishes to gut a beautiful old TEK, that is his prerogative. I wonder if the BA television crowd is standing around bashing us? How many of us are guilty of raping some old carcass for parts? I also can't believe the condescending, snobbish attitude otherwise intelligent hams take toward audio tweeks. Remember, the rest of the world thinks we are all dorks!

73, Scott
BA enthusiast for 25 years
Valve audio enthusiast for at least as long

On Fri, 25 Aug 1995, David Watson wrote:

> A few months back, I posted a brief plea for peace and simple, courteous
> respect or at least tolerance for the many people who happen to like
> audio systems -- the same as I would expect on behalf of any other race,
> creed, or community.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995

From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Re. Boat Anchors
Message-ID: <F8QF4533.F8QF4543@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Re. anchor suggestions:

Why not buy Jimmy Hoffa's corpse, and put a dacron rope around his neck? He's probably got a couple hundred pounds of cement around the ankles that would do a dandy job for you.

Better still, apply the "concrete galoshes" treatment (as Chief Engineer Scott would put it) to one of the Yuppie landlubbers that buy sailboats these days and employ him/her/it in a similar manner?

Mr. T.

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Re. Radioactive tubes
Message-ID: <F8QN2026.F8QN2036@mail.admin.wisc.edu>

to: boatanchors@theporch.com

While plowing thru a mountain of old unread traffic I saw a thread on radioactive tubes. By now I'm sure we all know about the strontium laced voltage regulator tubes, and we now know about radioactive T/R and anti-T/R tubes in RADAR gear (BTW, I just encountered a couple of these critters in a pair of APX-6 IFF transponders), but there's one more hot tube we should be aware of.

It seems that Nixie indicator tubes are ALSO laced with radioactive elements. For those who don't know what these are, they are cold cathode neon filled tubes with cathodes in the shape of the digits 0 thru 9. They were used in the days before numerical LED indicators came along.

I wasn't aware of this one myself until I encountered a Burroughs Nixie with a radiation hazard warning symbol on it.

It makes sense that it would be hot; that extra little ionization kick would be desirable in a Nixie tube.

73's,

Tom, K9TA

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: wier@bobcat.etsu.edu (Bob Wier)
Subject: Re: Re. Radioactive tubes
Message-ID: <9508270459.AA10846@bobcat.etsu.edu>

|It seems that Nixie indicator tubes are ALSO laced with radioactive elements.

Well now that's interesting. Back when I was taking Chemistry at the U of Colorado (late 60's) one of the labs we did was to isolate out some U235 and stick it into a radiation counter. The counter had NIXIE tubes! I PRESUME they were shielded so as not to increase the normal background radiation significantly.

Just for grins, after I measured my sample I put my wrist watch which I'd gotten as a high school graduation present a couple of years before under the sensor. It registered about 10 times as strong as the sample I'd been measuring. In fact, it about jumped off the table. It was one of them there Timex
dials that glowed in the dark...

OUCH!

----- Round Up the Usual Disclaimers! -----
Bob Wier, keeper of the Photo-3D, Icom radio (WB5KXH),
Overland Trails, and Motorola HC11 mailing lists
wier@bobcat.etsu.edu

"No doubt some people in the world would not benefit from attending the Silverton avalanche school, but most of those people live in Nigeria and Brazil" - Silverton Standard

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: HAMRLUND@aol.com
Subject: Re: Running a Business thru the BA List -- Nope
Message-ID: <950826115710_63825899@mail04.mail.aol.com>

To Quote you Jack " facilitating the running of a business, whether " IT "
earns a
profit, or, not "

Then by your own statement, you are running a business, by running this board.

But, that's different, you or someone else, spends money to buy & pay for the expenses and equipment. parts, whatever....you also solicit for money to help run this thing....AND THIS isn't a business? give me a break...you & whoever do this because you like or love too...JUST as Dave does what he loves to do..HELP others who want and need some place to look for it. The Same thing you guy who own & run this do...

No more, no less, its the same situation. So does this mean you have to leave? Of Course not, nor should Dave or me or anyone else...we have things and information people need....I spend FAR MORE than I make..I'm not in it for the money.

And speaking of money...the government says that if your not making a reasonable profit...i.e. much more coming than going out.. You are'nt a business....

I'm not saying any more or anything that some of the others on here feel...

And if you, Jack, decide you must cancell my subscription to this thing..or "block" my posts ...than so be it..
too be honest...there are those of us here, who have been surprised , you have already
not started doing that..

You know the way you refer to this as a community, Well a community has a say in the way its run, & yes it also has a governing body..one who "listens" to what the "community wants"..which is not always what the "body" wants..
You see Jack, you furnish something we all want, as does Dave...wheres the difference?

We realise, that you & whoever are helping US out by having this net here....
And We all appreciate that fact.....

Thank you for the band space, to express MY opinion.

Robert Fowle -----> the Hammarlund guy

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Grant H Youngman <us007699@interramp.com>
Subject: SPC-10 Wanted
Message-ID: <Chameleon.950827100150.us007699@gyoungma.gtetel.com>

Looking for a Hammarlund SPC-10 (or maybe an HC-10). Reasonably good physical condition and working - or at least known to have the major parts intact.

Unmodified.

Thanks .. Grant/NQ5T

Name: Grant H Youngman/NQ5T
E-mail: us007699@interramp.com

This message was sent by Chameleon

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: TV-7 Tube Tester Manuals
Message-ID: <199508270027.TAA15680@wrdis01.robins.af.mil>

According to our equipment cross reference, the followin Air Force
T.O.s are still current:

| Number: | Last Update: |
|-------------|--------------|
| 33AA21-5-31 | 730603 |
| 33AA21-5-32 | 691118 |
| 33AA21-5-41 | 720812 |
| 33AA21-5-14 | 711106 |

These manuals are cross referenced to the TV-7/U, TV-7A/U, TV-7B/U and
the TV-7D/U models. The T.O. Manager is located at San Antonio Air
Logistics Center, Kelly AFB, TX..

73,

Larry, KQ4BY

lakeith@robins.af.mil

From boatanchors@theporch.com Sun Aug 27 05:33:00 1995

From: SOUNDNMIND@aol.com
Subject: WA Drake
Message-ID: <950826225331_84248661@emout04.mail.aol.com>

Any one have a spare Drake AC-4 you want to sell? Mabe trade you some audio gear (oops, just kidding).

Dee, W4PNT
soundnmind

From boatanchors@theporch.com Sun Aug 27 23:37:00 1995
From: Steven Wilson <randyw@crl.com>
Subject: WANT - TV7 tube tester and a 6080 tube
Message-ID: <Pine.SUN.3.91.950827074947.16620B-1000000@crl12.crl.com>

I am looking for a nice TV7. Please advise version number, price and condition

I am also looking for a 6080 tube.

thanks de stan ak0b
e-mail via randyw@crl.com